

for attaching to the container, the peripheral wall comprising different sections, wherein each section of the peripheral wall has a wall section of substantially constant diameter, and two adjacent sections are connected to one another by an annular transition which is substantially perpendicular to the wall sections.

2. (Amended) The insert piece as claimed in claim 1, wherein the peripheral wall comprises two sections of different diameters.

3. (Amended) The insert piece as claimed in claim 2, wherein the section which adjoins the closed end of the insert piece has a smaller diameter than the diameter of the section which adjoins the open end.

4. (Amended) The insert piece as claimed in claim 1, wherein the insert piece is made from packaging steel.

5. (Amended) The insert piece as claimed in claim 4, wherein the packaging steel is coated with plastic.

6. (Amended) The insert piece as claimed in claim 1, wherein the insert piece is produced by deep-drawing.

7. (Amended) A container for a product which is to be heated or cooled, provided with an insert piece as claimed in claim 1.

8. (Amended) A process for forming an insert piece for a container for a product which is to be heated or cooled, which insert piece is used to accommodate a heating or cooling means, and which insert piece is of elongate form with a peripheral wall and an open end and a closed end, wherein the insert piece is produced by deep-drawing in at least

Q2 two deep-drawing steps, in such a manner that the peripheral wall of the insert piece is
B2 composed of two sections of different diameters.

Please add the following new claims.

9. The container as claimed in claim 7, wherein the peripheral wall comprises two sections of different diameters.

10. The container as claimed in claim 9, wherein the section which adjoins the closed end of the insert piece has a smaller diameter than the diameter of the section which adjoins the open end.

B2 11. The container as claimed in claim 7, wherein the insert piece is made from packaging steel.

13 12. The container as claimed in claim 11, wherein the packaging steel is coated with plastic.

13. The container as claimed in claim 7, wherein the insert piece is produced by deep-drawing.

14. The process as claimed in claim 8, wherein the section which adjoins the closed end of the insert piece has a smaller diameter than the diameter of the section which adjoins the open end.

15. The process as claimed in claim 8, wherein the insert piece is made from packaging steel.

16. The process as claimed in claim 15, wherein the packaging steel is coated with plastic.